

Special Issue

Autonomous Vehicle Control

Message from the Guest Editor

Dear colleagues, Autonomous vehicle technologies are advancing at a faster pace in recent years. There have been many exciting developments in new technologies that may contribute to improving the robustness of autonomous driving systems and thus making autonomous vehicles safer on the road. We are looking for original contributions in this Special Issue of *Vehicles* titled “Autonomous Vehicle Control”. Topics include but are not limited to sensing/sensor fusion for object detection, autonomous navigation, autonomous vehicle modeling and simulation, the SLAM algorithm, and machine learning/deep learning-based robust detection algorithms.

Guest Editor

Dr. Sohel Anwar

Department of Mechanical and Energy Engineering, Indiana University-Purdue University Indianapolis, Indianapolis, IN 46202, USA

Deadline for manuscript submissions

closed (31 August 2020)



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Vehicles
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
vehicles@mdpi.com

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About the Journal

Message from the Editor-in-Chief

In response to economic, political, and environmental pressures, the automotive vehicle community is expanding its research, development, and production of more energysaving, environmentally friendly, and safer ground vehicles through vehicle electrification, powertrain hybridization, high-efficiency drivetrain, autonomous or automated driving, vehicle connectivity, and infrastructure.

Vehicles is a new open access and peer-reviewed international journal that will facilitate rapid publication of scholarly articles on studies related to ground vehicles. Its mission is to publish cutting edge articles, conference proceedings, and to organize Special Issues which highlight outstanding research on specific topics regarding all landbased vehicles with regards to the design, modeling and simulation, manufacture, testing, and operation and modification of those vehicles and their engineering systems.

Editor-in-Chief

Prof. Dr. Mohammed Chadli

Department UFR Sciences and Technologies, Université Evry Paris-Saclay, 91020 Evry, France

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.4 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the second half of 2025).